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HAWARDEN RURAL DISTRICT COUNCIL



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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF THE

CHIEF PUBLIC HEALTH INSPECTOR

1971

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*Medical Officer of Health:*

D. J. FRASER, M.B., CH.B., D.P.H.

*Chief Public Health Inspector:*

D. R. GEORGE, F.R.S.H., M.A.P.H.I., F.I.P.H.E.



## **HEALTH COMMITTEE**

**Chairman:** Councillor Mrs. Irene Fellows, J.P.

The Health Committee consists of all Members of the Council

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### **STAFF**

#### **Medical Officer of Health:**

D. J. Fraser, M.B., Ch.B., D.P.H.

Also Medical Officer of Health for the following Authorities:—

Buckley Urban District Council

Connah's Quay Urban District Council

Flint Borough Council

Maelor Rural District Council

Mold Urban District Council

and Medical Officer in Department, Health Department,  
Flintshire County Council

#### **Chief Public Health Inspector:**

D. R. George, F.R.S.H., M.A.P.H.I., F.I.P.H.E.

#### **Deputy Chief Public Health Inspector:**

C. S. Wensley, F.R.S.H., M.A.P.H.I.

#### **Additional Public Health Inspectors:**

R. Hebden, M.A.P.H.I., M.R.S.H. (from 1/1/71)

M. A. Watkin, M.A.P.H.I., M.R.S.H.

D. Thomas, M.A.P.H.I., M.R.S.H. (from 1/8/71)

#### **Clerk:**

Miss Patricia Connah (to 2/7/71)

Mrs. R. O. Swinnerton (from 28/6/71)

#### **Rodent Operative:**

A. Roberts

G. Monkman (from 11/1/71)



Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the Annual Report on the Health of the Hawarden Rural District, including the Report of the Chief Public Health Inspector, for the year 1971.

The Registrar General's estimate of the population at mid-year 1971, was 42,650, compared with the estimate for 1970, of 43,010. The provisional figure for the 1971 Census was 42,467, compared with 36,443, in 1961. The Birth and Death Rates are based on the population estimate, whilst for comparison with other districts, comparability factors of 1.02 for births and 1.02 for deaths are applied.

Live births for the year numbered 757, 21 fewer than in 1970, giving a birth rate per 1,000 population of 17.7, compared with the national figure of 16.

Deaths totalled 513 in 1971, compared with 441 in 1970, giving a crude death rate of 12.0 per 1,000 population, which was slightly above the national figure of 11.6. There were 12 deaths of infants under a year old, compared with seven in 1970 and 11 in 1969. The Infant Death Rate per 1,000 live births was 16, compared with the national figure of 18. Eight of the infants were under a week old, and the deaths were due to congenital deformities, birth injury and in one case, pneumonia.

The chief causes of death were again diseases of the Heart and Circulatory system with 260 deaths out of the total of 513, and Cancer in one form or another with 108 deaths. The figures for 1971 were 234 and 82. Lung cancer deaths rose from 25 to 28. Pneumonia caused 40 deaths, and Bronchitis and Emphysema 21 deaths, mainly in the elderly. There were no deaths resulting from Influenza, compared with 14 in 1970 and five in 1969. Motor accidents accounted for 12 deaths, and other accidents eight deaths.

Again, there were no cases of Poliomyelitis or of Diphtheria, but the need for immunisation of infants against these and other diseases, continues. Vaccines are available against Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, Measles and German Measles. The measles vaccination is now accepted by parents, and only one injection is required. It is to be hoped that this serious illness will in time be eradicated. Routine vaccination of adolescent girls against German Measles is going well. The procedure is carried out at 13 years or so, at school.

Concerning notifiable infectious diseases, there were only seven cases of measles, compared with 99 in 1970 and 188 in 1969. Scarlet fever cases numbered nine compared with three in 1970. There were four cases of whooping cough, two of meningitis, one of jaundice and one of dysentery. Two mild cases of food poisoning occurred in patients in hospital, and malaria occurred in a child who had returned to this country from West Africa.

Once again, housing matters took up much of the time of the Health Department. I am grateful to the Council for the sympathetic consideration of the applicants, many of them aged, with health problems. Other matters occupying the attention of the staff were Food Hygiene, Office, Shops and Railway Premises, visits concerning Infectious Diseases, Meat Inspection and Unsound Food.

The Improvement Grants scheme continues at full flood in all areas. One wonders how long this outpouring of public money to people who have homes, will continue. The time must come when consideration will be given to young people who have no hope of buying a house and no hope of renting one, and whose prospects are bleak.

In conclusion, I wish to thank the Chairman and Members of the Health Committee for their support during the year. Your Clerk, Mr. F. N. V. Meredith, the Treasurer and the Surveyor have been of great assistance. I have had the full support of the Public Health Inspectors and the Office staff and the team work has been excellent.

The Report of the Chief Public Health Inspector, Mr. D. R. George, indicates the amount of day-to-day work which adds up to the year's total. This will increase as the housing estates proliferate, and more and more people move into the district.

I am,

Your obedient Servant,

D. J. FRASER,

Medical Officer of Health.



## VITAL STATISTICS 1971

### Population:

Registrar General's estimate at mid-year	...	...	42,650
Census, 1961	...	...	36,443
Census, 1971	...	...	42,467

### Live Births:

Number	...	...	...	...	...	757
Rate per 1,000 Population	...	...	...	...	...	17.7
Adjusted Local Birth Rate	...	...	...	...	...	18.1
National Birth Rate per 1,000 Population	...	...	...	...	...	16.0
Illegitimate Live Births	...	...	...	...	...	57
Illegitimate Live Births per cent. of Total Live Births	...	...	...	...	...	8
Illegitimate Live Births per cent. of Total Live Births, England and Wales	...	...	...	...	...	8

### Still Births:

Number	...	...	...	...	...	11
Rate per 1,000 Total Live and Still Births	...	...	...	...	...	14
National Still Birth Rate	...	...	...	...	...	12
Total Live and Still Births	...	...	...	...	...	768

<b>Infant Deaths</b> (under one year)	...	...	...	...	...	12
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### Infant Mortality Rate:

Total Infant Deaths per 1,000 Total Live Births	...	...	...	...	...	16
Legitimate Infant Deaths per 1,000 Legitimate Live Births	...	...	...	...	...	17
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	...	...	...	...	...	Nil
National Infant Mortality Rate per 1,000 Live Births	...	...	...	...	...	18

<b>Neo-Natal Mortality Rate</b> (Deaths under four weeks per 1,000 Total Live Births)	...	...	...	...	...	12
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<b>National Neo-Natal Mortality Rate</b>	...	...	...	...	...	12
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<b>Early Neo-Natal Mortality Rate</b> (Deaths under one week per 1,000 Live Births)	...	...	...	...	...	11
---	-----	-----	-----	-----	-----	----

<b>National Early Neo-Natal Mortality Rate</b>	...	...	...	...	...	10
--	-----	-----	-----	-----	-----	----

<b>Peri-Natal Mortality Rate</b> (Still Births and Deaths under one week per 1,000 Total Live and Still Births)	...	...	...	...	...	25
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<b>National Peri-Natal Mortality Rate</b>	...	...	...	...	...	22
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### Maternal Mortality (including Abortion):

### Maternal Mortality (including Abortion):

Number of Deaths	...	...	...	...	...	Nil
Rate per 1,000 Total Live and Still Births	...	...	...	...	...	Nil

<b>Deaths (from all Causes)</b>	...	...	...	...	...	513
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<b>Crude Death Rate</b> per 1,000 Population	...	...	...	...	...	12.0
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<b>Adjusted Local Death Rate</b>	...	...	...	...	...	12.2
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<b>National Deaths Rate</b> per 1,000 Population	...	...	...	...	...	11.6
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# STATISTICS AND SOCIAL CONDITIONS OF THE AREA

1966	1967	1968	1969	1970	1971
<i>Area in acres</i>					
31,576	31,576	31,576	31,576	31,576	31,576
<i>Population Estimated Mid-year</i>					
39,440	40,230	41,280	42,020	43,010	42,650
<i>Density</i>					
1.25	1.28	1.31	1.33	1.37	1.35
<i>Number of inhabited houses according to Rate Books</i>					
12,224	12,628	13,069	13,381	13,565	13,769
NUMBER OF HOUSES COMPLETED					
<i>Local Authority</i>					
77	19	116	36	33	40
<i>Private</i>					
323	342	353	249	214	234
<i>Total</i>					
440	361	469	285	247	274
<i>Number of occupied houses owned by Local Authority</i>					
3,720	3,722	3,832	3,867	3,900	3,940
<i>Rateable Value</i>					
£1,351,290	£1,415,820	£1,475,120	£1,495,714	£1,519,129	£1,550,685
<i>Sum represented by Penny Rate</i>					
£5,309	£5,689	£5,855	£5,953	£14,645	£14,855
<i>Births</i>					
739	780	795	800	778	757
<i>Birth Rate per thousand Population</i>					
18.73	19.38	19.25	19.0	18.1	17.7
<i>Deaths</i>					
451	419	443	441	441	513
<i>Death Rate per thousand Population</i>					
11.43	10.41	10.73	10.5	10.3	12.0
<i>Infant Mortality Rate per thousand Live Births</i>					
13.53	19.23	18.86	14.0	9.0	16.0



# EXTRACTS FROM THE VITAL STATISTICS

## FOR THE YEAR 1971

**Estimated Mid-year Population** — 42,650

**Comparability Factors** — Births 1.02; Deaths 1.02

### LiveBirths:

	Male	Female	Total	Birth Rate per 1,000 Home Population
Total .....	382	375	757	17.7
Legitimate .....	352	348	700	
Illegitimate ...	30	27	57	

### Still Births:

	Male	Female	Total	Rate per 1,000 Total (Live and Still) Births
Total .....	5	6	11	14
Legitimate .....	5	4	9	
Illegitimate ...	—	2	2	

### Deaths of infants under one year of age:

	Male	Female	Total	Infant Mortality per 1,000 Live Births
Total .....	8	4	12	16
Legitimate .....	8	4	12	
Illegitimate ...	—	—	—	

### Deaths of Infants under four weeks of age:

	Male	Female	Total
Total .....	7	2	9
Legitimate .....	7	2	9
Illegitimate ...	—	—	—

### Deaths of infants under one week:

	Male	Female	Total
Total .....	6	2	8
Legitimate .....	6	2	8
Illegitimate ...	—	—	—

## CAUSES OF DEATH, 1971

						1971	
						Males	Females
Other Diseases of Respiratory System	..	..				2	6
Peptic Ulcer	..	..	..	..	..	4	1
Intestinal Obstruction and Hernia	..	..	..			1	2
Cirrhosis of Liver	..	..	..	..	..	1	1
Other Diseases of Digestive System	..	..	..			4	2
Nephritis and Nephrosis	..	..	..	..	..	1	—
Other Diseases, Genito-Urinary System	..	..	..			2	2
Diseases of Musculo-Skeletal System	..	..	..			2	1
Congenital Anomalies	..	..	..	..	..	4	2
Birth Injury, Difficult Labour, etc.	..	..	..			2	1
Other Causes of Perinatal Mortality	..	..				4	—
Symptoms and Ill Defined Conditions	..	..				—	2
Motor Vehicle Accidents	..	..	..	..	..	8	4
All Other Accidents	..	..	..	..	..	3	5
Suicide and Self Inflicted Injuries	..	..	..			1	—
All Other External Causes	..	..	..	..	..	1	1
Measles	..	..	..	..	..	1	—
Cancer of Mouth, etc.	..	..	..	..	..	1	—
Cancer of Oesophagus	..	..	..	..	..	5	6
Cancer of Stomach	..	..	..	..	..	7	5
Cancer of Intestine	..	..	..	..	..	6	4
Cancer of Lung, Bronchus	..	..	..	..	..	24	4
Cancer of Breast	..	..	..	..	..	—	17
Cancer of Uterus	..	..	..	..	..	—	6
Cancer of Prostate	..	..	..	..	..	3	—
Leukaemia	..	..	..	..	..	1	—
Other Cancers	..	..	..	..	..	7	12
Diabetes Mellitus	..	..	..	..	..	1	1
Other Endocrine Diseases	..	..	..	..	..	1	2
Anaemias	..	..	..	..	..	—	2
Other Diseases of Blood, etc.	..	..	..	..	..	—	1
Other Diseases of Nervous System	..	..	..			1	3
Chronic Rheumatic Heart Disease	..	..	..			5	3
Hypertensive Disease	..	..	..	..	..	4	4
Ischaemic Heart Disease	..	..	..	..	..	83	32
Other Forms of Heart Disease	..	..	..			8	11
Cerebro-Vascular Disease	..	..	..	..	..	35	49
Other Diseases of Circulatory System	..	..				7	19
Pneumonia	..	..	..	..	..	21	19
Bronchitis and Emphysema	..	..	..	..	..	16	5
Asthma	..	..	..	..	..	—	1
Total (All Causes) ..						277	236

Deaths totalled 513, compared with 441 in 1970 and 441 in 1969. The crude death rate of 12 per 1,000 population was close to the national figure of 11.6. From the above table, it will be seen that diseases of the Heart and Circulatory System accounted for 260 deaths, compared with 234 in 1970, and Cancer in one form or another caused 108 deaths, 26 more than in 1970. Cancer of Lung or Bronchus caused 28 deaths, compared with 25 in 1970. Pneumonia caused 40 deaths, and Bronchitis and Emphysema 21, mainly in the

elderly. There were no deaths from Influenza, compared with 14 in 1970, and five in 1969. Motor Vehicle Accidents caused 12 deaths, and other accidents, eight. There were no deaths due to Tuberculosis, compared with one in 1970. One death was associated with measles, in a child.

## **GENERAL PROVISION OF HEALTH SERVICES IN THE AREA**

### **1. Laboratory Facilities**

This work is carried out by the Bacteriological Department, Royal Infirmary, Chester and Messrs. Ruddock and Sherratt, Public Analysts, 30, Watergate Street, Chester. The examination of samples is carried out at the Public Health Laboratory, Hoole Lane, Chester.

### **2. Ambulance Facilities**

These services are under the control of the Flintshire County Council.

### **3. Clinics and Treatment Centres**

Maternity and Child Welfare Clinics are established at Saltney, Broughton, Pentre, Shotton and Caergwrle.

School Clinics at Shotton, Saltney and Caergwrle.

Orthopædic Clinic at Shotton.

Chest Clinic at Queensferry.

### **4. Hospitals**

Hospital, Dobshell, Hawarden—for old people.

Catherine Gladstone Maternity Home, Mancot.

Meadowslea Hospital, Penyffordd—for old people.

The above are situated in the District, but hospitals over a much wider area are used for both infectious diseases and general cases, among these the more important are:—

Wrexham War Memorial

Clatterbridge Hospital, Wirral

Wrexham Mælor General

Chester City Hospital

Chester Royal Infirmary

Infectious diseases including all types of Poliomyelitis are dealt with at the Isolation Branch of Mælor General Hospital, Wrexham.

## **PREVALENCE AND CONTROL OF INFECTIOUS DISEASES**

### **Diphtheria**

Diphtheria/Pertussis/Tetanus Prophylactic is issued free to Medical Practitioners for the immunisation of children in the area.

All records relating to Diphtheria Immunisation are forwarded by Medical Practitioners or Assistant School Medical Officers to the Department of the County Medical Officer of Health. The County Council now provides for children to be protected against Diphtheria, Tetanus and Whooping Cough by the use of combined Antigen.

## Vaccination

Vaccinations are carried out by Medical Practitioners and also by the Medical Officer of Health at the County Council Child Welfare Clinics. During the year no Smallpox contact entered the area from infected ships or aircraft.

## Cleansing and Disinfection

In all cases of Scarlet Fever and Death resulting from Tuberculosis as well as in all cases where it is considered advisable, the houses of the patients are thoroughly disinfected by the Public Health Inspector.

Facilities are available at the Isolation Hospital for the steam disinfection of bedding, but this hospital is now under control of the Welsh Regional Hospital Board with whom co-operation is maintained.

## Infectious Disease (other than Tuberculosis) 1971

			Measles	Dysentery	Scarlet Fever	Food Poisoning
Under 1 year	...	...	—	—	—	—
1 year	...	...	1	—	—	1
2 years	...	...	—	—	—	—
3 years	...	...	1	—	—	—
4 years	...	...	—	—	2	—
5—9 years	...	...	3	—	2	—
10—14 years	...	...	2	—	2	—
15—24 years	...	...	—	—	1	—
25 years and over	...	...	—	1	—	1
			—	—	—	—
Total	...	...	7	1	9	2
			—	—	—	—

			Meningitis	Jaundice	Whooping Cough	Malaria
5—9 years	...	...	—	—	2	1
10—14 years	...	...	1	—	1	—
15—24 years	...	...	—	1	—	—
25 years and over	...	...	1	—	1	—
Age Unknown	...	...	—	—	—	—
			—	—	—	—
Total	...	...	2	1	4	1
			—	—	—	—

There were only seven cases of Measles, compared with 99 in 1970, and one case of Dysentery as in 1970. Scarlet Fever of a mild type caused nine cases, and there were two cases of Meningitis. Whooping Cough notifications were four, compared with six in 1970. There were two Food Poisoning notifications, an infant and a male adult. Both occurred in hospitals. An unusual case was a child suffering from Malaria. She had been resident in West Africa, and had stopped taking her anti-malaria drugs. The illness developed when she reached this district.

## Tuberculosis

### Tabulated New Cases for 1971

Age Period	Resp.		Meninges and C.N.S.		Other		Total
	M.	F.	M.	F.	M.	F.	
1—4 years .....	—	1	—	—	—	—	1
5—14 years .....	—	—	—	—	—	—	—
15—24 years .....	—	—	—	—	—	—	—
25—44 years .....	1	—	—	—	2	—	3
45—64 years .....	1	1	—	—	—	1	3
65 years and over ...	2	—	—	—	—	—	2
Age unknown .....	—	—	—	—	—	—	—
Total ...	4	2	—	—	2	1	9

It will be seen that there were six new cases of Pulmonary Tuberculosis, and three new cases of non-Pulmonary Tuberculosis, compared with 11 new cases in 1970. Most of the cases occur in adults, and often in the elderly. Of the six new Pulmonary cases, one was a recent arrival from another area, and two were close contacts of known cases. Modern treatment is by drugs, and often the patients are well enough to return home after a short time in hospital. Vaccination of children against Tuberculosis continues. The inoculation is carried out on school children of 13 years with the consent of the parents. The single injection should protect the child for life.

## National Assistance Act 1948

### National Assistance (Amendment) Act 1951

There were no cases dealt with under those Acts, though many visits were paid to elderly people, living alone.



# COMPARATIVE FIGURES OF THE INCIDENCE OF NOTIFIABLE INFECTIOUS DISEASES FOR THE LAST TEN YEARS

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Scarlet Fever .....	3	8	2	3	7	6	5	3	3	3	9
Diphtheria .....	—	—	—	—	—	—	—	—	—	—	—
Typhoid .....	—	1	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia .....	—	1	1	2	—	—	—	—	—	—	—
Erysipelas .....	—	1	—	1	—	1	—	—	—	—	—
Meningococcal Infection .....	1	—	—	1	—	1	—	—	2	—	2
Measles .....	350	32	367	186	145	253	163	178	188	99	7
Whooping Cough .....	2	—	—	13	7	2	6	—	1	6	4
Tuberculosis .....	25	23	28	16	13	3	2	1	3	11	9
Acute Poliomyelitis .....	1	—	—	—	—	—	—	—	—	—	—
Encephalitis .....	—	—	—	—	—	—	—	—	1	—	—
Food Poisoning .....	—	—	—	1	—	1	—	3	4	4	2
Dysentery .....	3	9	—	5	7	3	1	14	35	1	1
Para-Typhoid .....	—	—	—	2	—	—	—	1	—	1	—
Leptospirosis .....	—	—	—	—	—	—	—	1	—	—	—
Infective Jaundice .....	—	—	—	—	—	—	—	1	1	—	1
Cholera .....	—	—	—	—	—	—	—	—	—	1	—
Malaria .....	—	—	—	—	—	—	—	—	—	—	1



**ANNUAL REPORT  
OF THE  
CHIEF PUBLIC HEALTH INSPECTOR  
FOR THE YEAR 1971**

*To the Chairman and Members of the Hawarden Rural District Council*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my seventh Annual Report on the Environmental Health Services for the year 1971.

I take this opportunity of offering my sincere thanks to the Chairman and Members of the Health Committee, together with Dr. D. J. Fraser for their assistance and ready co-operation in all matters concerning the Health Department.

During the year under review the Inspectorate was strengthened by the appointments of Mr. Roger Hebden, who joined the staff from the Chester City Council on the first day of January, and the elevation to Additional Public Health Inspector of Mr. David Thomas, from Student Public Health Inspector on passing his final examination in June. This had the effect of increasing the output of work in other aspects of Public Health coming within the jurisdiction of this Authority.

In August the function of Refuse Collection and Disposal was transferred to the Surveyor's Department which immediately enabled the Inspectorate to devote even more time to routine duties particularly in the field of Housing, Food Hygiene, Offices and Shops and Noise Control, which are daily assuming greater importance in Environmental Health.

At the end of June, Miss Patricia Connah, the Department's Clerk/Shorthand Typist, left to take up an appointment in H.M. Forces and was replaced by Mrs. R. O. Swinnerton.

At the beginning of the year the Council approved the appointment of a second Rodent Operative due to the prolonged absence through illness of Mr. Alfred Roberts and with the intention of replacing Mr. Roberts on his retirement in May, 1972. Mr. George Monkman was the person appointed who has proved himself to be an excellent understudy and I am confident that he will be admirably suited to undertake the rodent control from Mr. Roberts.

I especially wish to thank all my staff, colleagues, the Rodent Operatives and employees in the Public Cleansing Service for their help and loyalty during the year.

I am,

Your obedient servant,

D. RONALD GEORGE,

Chief Public Health Inspector.

## HOUSING

I anticipated in my 1970 Annual Report that there would be more activity in the Housing field in 1971. With the increase in the Inspectorate this has proved to be the case.

Once again the programme for dealing with Individual Unfit houses has progressed and five Clearance Areas were declared during the year, the details of which are set out below. Additionally a preliminary survey of a possible General Improvement Area called for in Part II of the Housing Act, 1969 was carried out involving 147 properties in the Queensferry area. The object of General Improvement Areas is to preserve those dwellings which, if ignored, will eventually be categorised as Slum dwellings, by affording to them all basic amenities, reconstruction, repairs and of equal importance, improving the environment in which they are situated. Energy and resourcefulness in this direction will afford worthwhile results in which there is a need within this District.

In so far as unfit houses are concerned this Council does not have a great problem and I have hopes that by 1974 we could have completed our envisaged programme.

During the year 1971 the Clearance Area procedure of the Housing Act, 1957, dealing with groups of unfit houses was taken in respect of, 22, 24, 26, 28, 30, 32, 34, High Street, Caergwrle; 1, 2, 3, 4, 5, 6, 7, 8 and 10 Church Cottages, Sealand; 1 to 8 Thomas' Buildings, Ewloe; 1 to 8 Cable Row, Saltney and 11, 13, 15, and 17 Mechanics Lane, Pentre, Queensferry. The Minister subsequently confirmed the Clearance Orders on Thomas' Buildings and Cable Row, without amendment and decisions are awaited concerning Church Cottages, Sealand and 11/17 Mechanics Lane, Pentre.

### Statistics for 1-1-71 to 31-12-71

No. of Closing Orders made Section 17	...	...	...	6
No. of Undertakings Accepted Section 16	...	...	...	—
No. of Demolition Orders made Section 17	...	...	...	9
No. of Houses Demolished following Demolition Orders	...			3
No. of Closing Orders made on part of Houses Section 18				—
No. of Orders Revoked	...	...	...	4

Difficulty is still being experienced in finding reliable demolition contractors to undertake the demolition of 'individual unfit' houses, especially where their locality is isolated. In all cases they can be a source of danger to children and inevitably attract vandalism.

## Summary of House Repairs and Sanitary Improvements effected, 1971

### (a) Interior of Houses

Rising dampness eliminated	...	...	...	...	3
Penetrating dampness eliminated	...	...	...	...	2
Ceilings replastered	...	...	...	...	1
Walls replastered	...	...	...	...	2
Defective windows repaired or renewed	...	...	...	...	4
Floors repaired or renewed	...	...	...	...	1
Doors repaired and made weatherproof	...	...	...	...	1

### (b) Exterior of Houses

Leaking house roofs repaired	...	...	...	...	4
Walls repointed or repaired	...	...	...	...	2
Eaves, gutters renewed or repaired	...	...	...	...	3
Rainwater pipes renewed or repaired	...	...	...	...	1
Chimney stacks repointed	...	...	...	...	1
Waste water pipes repaired	...	...	...	...	2
Yard paving repaired	...	...	...	...	2

### (c) Drainage

Defective, leaking or overflowing cesspools repaired or renewed	...	...	...	...	...	1
Drains/sewers, cleansed from obstruction	...	...	...	...	...	3
Drains and sewers renewed or repaired	...	...	...	...	...	7
Water closets repaired	...	...	...	...	...	6

### (d) Miscellaneous

Accumulations removed	...	...	...	...	...	5
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### (e) Sanitary Conveniences

Water closet compartment structures repaired	...	...	...	...	...	2
--	-----	-----	-----	-----	-----	---

## WATER SUPPLIES

There are three Statutory Water Undertakers operating within the area of this Authority namely:—

1. The Wrexham and East Denbighshire Water Company.
2. The Chester Waterworks Company.
3. The Central Flintshire Water Board.

### Water Sampling

The total number of water samples taken from the mains of the water undertakers and also from various wells and springs which supply water to properties within the district was as follows:—

#### Public Water Undertakers

Number reported satisfactory	...	...	...	...	13
Number reported unsatisfactory	...	...	...	...	—

#### Wells

Number reported satisfactory	...	...	...	...	5
Number reported unsatisfactory	...	...	...	...	9

## CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Number of Licensed Sites ... ..	7
Number of Caravans permitted ... ..	412
Number of Sites Administered by Local Authority ...	1

During the year 61 visits were made relating to preliminary surveys, site works, drainage, re-inspections, etc.

### REFUSE COLLECTION AND DISPOSAL

This function was transferred to the Surveyor's Department in August and up to that time numerous visits were made by the Department staff in connection with the service.

#### Collection

A further collection vehicle namely a 50 cubic yard Musketeer came into service during the year. From April, 1971, until the transfer of function, the complete fleet consisted of:—

- 2 × 50 cu. yd. Karrier Musketeers.
- 2 × 35 cu. yd. Karrier Ramilles.
- 1 × 25 cu. yd. Karrier Ramilles.
- 1 × 20 cu. yd. Karrier Ramilles.
- 1 × 18 cu. yd. Karrier Dual Tip.
- 2 × 12 cu. yd. Karrier Dual Tip with packer plate.

#### Disposal

During the year the Willow Tip at Hope was closed on completion of the tipping site, and the Shotton Lane tip was closed later in the year except to receive shop waste which could be easily burnt, without nuisance, on the tip.

Two disposal sites are still available within the District.

#### Buckley U.D.C. area near Buckley Station

This tip was started as a joint venture between the two Authorities in 1970 but with the virtual closure of Shotton Lane Tip an increased volume of refuse from the Deeside area was deposited on this site.

Daily control is exercised at this tip by an L61B Weatherall Mechanical Shovel jointly owned by both Authorities.

#### Fagl Lane Tip

This tip replaced the Willow Tip and basically serves the need of the rural area of the District. Here again, daily control is exercised by means of an L61B Weatherall Mechanical Shovel.

No serious tip fires occurred during the year and rodent infestation was very small due to regular baiting.

Regular liquid spraying and other methods of disinfection (i.e. powder blowing on tip faces) were carried out. Only one complaint of insect infestation was received and this was rapidly brought under control.



# THE FOOD AND DRUGS ACT, 1955 INSPECTION AND SUPERVISION OF FOOD

## Food Premises (Excluding Multiples)

### Parish

	Sealand	West Saltney	East Saltney	Hawarden	Higher Kinnerton	Llanfynydd	Treuddyn	Hope	Marford	Total
Grocers (General)	4	9	5	19	1	6	3	14	—	61
Butchers	2	8	2	7	—	—	1	6	—	26
Greengrocers	—	—	1	8	—	1	—	2	—	12
Sweet Shops	2	6	2	8	—	1	1	5	—	25
Licensed Premises	4	14	5	22	2	5	3	14	2	71
<b>TOTAL</b>	<b>12</b>	<b>37</b>	<b>15</b>	<b>64</b>	<b>3</b>	<b>13</b>	<b>8</b>	<b>41</b>	<b>2</b>	<b>195</b>

## Food Premises—Multiples/Supermarkets

The above premises are engaged in many categories of trade and are **NOT** included in the above table.

There are 11 of these premises within the Hawarden Rural District.

Continual routine inspections have been carried out in all food premises, including fixed and mobile shops, canteens, clubs and other licensed premises to ascertain that the food hygiene regulations are now being implemented.

The advice of the Inspectorate is constantly being sought from food traders and much has been achieved by this form of approach. It has not been found necessary to resort to compulsory enforcement.

During the year the following visits were made to the various food premises, as shown below:—

Licensed Premises and Clubs	...	...	...	...	172
Other Food Preparing Premises	...	...	...	...	17
Bakehouses and Confectioners' Shops	...	...	...	...	54
Butchers	...	...	...	...	93
Fried Fish Shops and Fishmongers	...	...	...	...	59
Grocers	...	...	...	...	125
Greengrocers	...	...	...	...	49
General Food Shops (Mixed Business)	...	...	...	...	62
Supermarkets	...	...	...	...	80
Hotel, Cafe and Canteen Kitchens	...	...	...	...	130
Ice Cream Manufacturers, Selling Points and Vans	...	...	...	...	60
Visits and Complaints of Unsound Food	...	...	...	...	169
Delivery Vehicles	...	...	...	...	48
Containers	...	...	...	...	33
<b>Total</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1,151</b>

Informal Notices complied with during the year—55.

No prosecutions were taken in respect of unsound food during the year.

## ICE CREAM SAMPLING

There are 180 premises registered under Section 16 of the Food and Drugs Act, 1955.

There is only one manufacturing premises in this district.

Number of samples taken from local producer—12.

	GRADES	—	ONE	TWO	THREE	FOUR
Number of samples ...	...		8	1	2	1

## SLAUGHTER OF ANIMALS ACT, 1958

### SLAUGHTERHOUSES (HYGIENE) REGULATIONS, 1958

The slaughter of animals is regularly carried out at the two licensed premises and these seem to serve the need for slaughtering facilities in this area.

The Veterinary Officer of the Ministry of Agriculture, Fisheries and Food, after his bi-monthly inspection of the slaughterhouses again highly complimented the Council on the standard of hygiene and structure contained therein.

Regular inspections were made at each of the slaughterhouses regarding the cleanliness and repair of the premises and equipment, hygienic practices, personal hygiene and conduct in the slaughtering processes.

During the year, a renewal of a Knacker's Yard Licence was issued in respect of premises at River Lane, Saltney. Since no slaughtering facilities are available at the premises, the licence is only in respect of the flaying and dressing of carcasses of animals, the flesh of which is *not* intended for human consumption.

## SLAUGHTER OF ANIMALS ACT, 1958

### SLAUGHTER OF ANIMALS

#### (PREVENTION OF CRUELTY) REGULATIONS, 1958

These Acts and Regulations are for the purpose of preventing cruelty and ensuring that no animals shall be slaughtered in a slaughterhouse except by a person licensed by the Local Authority.

The licences of 15 slaughtermen were renewed during the year.

Regular inspections were made at each of the slaughterhouses, under the above Act and Regulations. Particular attention was paid to the provision of adequate water supplies and bedding, etc., in the lairages. Animals were not kept long enough in the lairages to require feeding as required by the Prevention of Cruelty Regulations.



# **MEAT INSPECTION** **YEAR ENDING 31st DECEMBER, 1971**

## **Carcasses Inspected and Condemned**

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed ... ..	173	—	—	1942	89
Number inspected ... ..	173	—	—	1942	89
<b>ALL DISEASES</b>					
<b>EXCEPT TUBERCULOSIS</b>					
Whole carcasses					
condemned	—	—	—	—	—
Carcasses of which some					
part or organ					
was condemned	31	—	—	131	2
Percentage of the number					
inspected other than					
Tuberculosis	18.00%	—	—	6.74%	2.25%

## **TUBERCULOSIS ONLY**

Whole carcasses					
condemned	—	—	—	—	—
Carcasses of which some					
part or organ					
was condemned	—	—	—	—	—
Percentage of the number					
inspected with					
Tuberculosis	—	—	—	—	—

Total number of visits paid to slaughterhouses for the purpose of meat inspection was—130.

Total weight of meat condemned during the year was—294 lbs.

## **POULTRY INSPECTION**

No. of poultry processing premises within district	...	1
No. of visits ... ..	...	6
Total No. of birds processed during the year	...	2500
Type of birds processed:—		
(a) Turkeys	...	2000
(b) Ducks	...	—
(c) Hens	...	—
(d) Broilers	...	500
(e) Capons	...	—
Percentage of birds rejected as unfit for human consumption	...	0.25%
Weight of poultry condemned as unfit for human consumption	...	90 lbs.

## INSPECTION OF OTHER FOOD

During the year, frequent visits were made to various retail shops and warehouses for the purpose of inspecting other foods. I feel that it is again pertinent to note that the vast majority of food condemned was due to damage sustained to foodstuffs whilst in transit and the failure to refrigerate displays and storage facilities in shops.

During the year, the following foodstuffs were examined and found to be unfit for human consumption. They were disposed of in such a manner as to prevent them being used for human consumption.

Cooked meat and meat products	...	...	...	1,276 lbs.
Canned meats	...	...	...	3,454 lbs.
Other canned foods	...	...	...	7,392 lbs.
Frozen foods	...	...	...	2,959 lbs.
Other foods	...	...	...	2,016 lbs.
Total				17,097 lbs.

## FOOD AND DRUGS ACT, 1955 — SAMPLING

Set out below are the particulars of samples taken for chemical analysis under the Food and Drugs Act, 1955, by Mr. H. Roberts, County Public Health Inspector, in the Hawarden Rural District Council Area for the year ended 31st December, 1971.

<i>Description of Articles</i>	<i>No. taken</i>	<i>Genuine</i>	<i>Not Genuine</i>
Milk .....	47	47	—
Dairy Produce .....	6	6	—
Alcoholic Drinks .....	5	5	—
Sausage and Cooked Meats	8	7	1
Cakes and Confectionery ...	6	6	—
Patent Medicine .....	3	3	—
Miscellaneous Groceries ...	20	20	—
Fruit and Vegetables .....	8	8	—
	103	102	1

No evidence of bovine tuberculosis was found in any farm bottled milk but brucellosis was found in the milk distributed by three producer/retailers and Hawarden Rural District Council placed pasteurisation orders upon two producers. Offending animals were removed and slaughtered.

Fourteen samples of fertilizer and five samples of feeding stuffs were examined and the manufacturers attention was drawn to one sample of fertilizer which did not comply with the labelling requirements.

Five complaints regarding unsound food were investigated and successful legal proceedings were instituted in two cases.

All articles examined under the Pharmacy and Poisons Act were found to be satisfactory.

## OFFENSIVE TRADES

During the year the Animal By-Products works within the district continued to be a source of complaint resulting from which an enforcement notice under the Planning Act was served on the owners by the Flintshire County Council. An appeal was lodged by the owner and subsequently a Public Enquiry was set down for hearing on 26th October. On the 24th October an explosion occurred at the factory the effect of which was to put half the factory out of action. The Public Enquiry was opened but adjourned in view of the changed circumstances occasioned by the fire and to allow negotiations to proceed in relation to a discontinuation order. Compensation was finally agreed between Chester City Council and this Authority, the former purchasing the factory. Production ceased at the end of April, 1972, and the factory handed over to Chester City Council on the 16th May, 1972.

## THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

I set out below for your information Tables, A, B and C extracted from the Annual Return as submitted to the Minister of Labour on 31st December, 1971.

**Table 'A' Registration and General Inspection**

Class of Premises	No. of Premises Registered during the year	Total No. of Registered Premises at the end of the year	No. of Registered Premises receiving a General Inspection during year
Offices ... ..	1	57	49
Retail Shops ... ..	3	176	167
Wholesale Shops, Ware- houses ... ..	—	13	9
Catering Establishments open to Public, Can- teens ... ..	—	46	46
Fuel Storage Depots ...	—	2	1
Totals ...	4	294	272

**Table 'B'—Number of visits of all kinds by Inspectors to Registered Premises—466.**

**Table 'C' Analysis of Persons Employed in Registered Premises by Workplace**

Class of Workplace	Number of Persons Employed
Offices ... ..	299
Retail Shops ... ..	637
Wholesale Departments, Warehouses ... ..	104
Catering Establishments open to Public, Canteens ... ..	183
Fuel Storage Depots ... ..	8
	<hr/>
	Total ... 1,231
	<hr/>

Total Number of Males—365

Total Number of Females—866

## ADMINISTRATION OF THE FACTORIES ACT, 1937/1961 FOR THE YEAR 1971

### Part I of the Act

- Inspections** relating to provisions for health made by the Public Health Inspectors during 1970.

	No. on Register	No. of Inspections	No. of Written Notices	No. of Occupiers Prosecuted
(a) Factories where Section 1, 2, 3, 4 and 6 are to be enforced by the Local Authority	—	—	—	—
(b) Factories not included where Section 7 is to be enforced by the Local Authority	99	54	1	—
(c) Other premises where Section 7 is to be enforced by the Local Authority ...	—	—	—	—

- Cases in which Defects were found.** No cases of defects due to want of cleanliness, overcrowding, unreasonable temperature, inadequate or ineffective drainage of floors were found. Two cases of defective sanitary accommodation were found, as shown in the following table.

Sanitary Conveniences (Section 7)	No. of Cases with Defects Found				
	Found	Remedied	Referred to H.M.I.	By H.M.I.	Prose- cuted
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or Defective ...	2	2	—	2	—
(c) Not separate for sexes ...	—	—	—	—	—
<b>Total Defects un- der Part 1 of the Act .....</b>	2	2	—	2	—

## Part VIII of the Act, Outworkers (Sections 110 and 111)

### Section 110

Nature of Works—Wearing Apparel: Making, etc.

No. of Outworkers in August List as required by Section 110(1)(c) ... ..	Nil
No. of Cases of Default in sending Lists to Council ...	Nil
No. of Prosecutions for failing to supply lists ... ..	Nil
No instances relating to Section 111 (Unwholesome premises) were known.	

## RODENT CONTROL TREATMENT

The Council's Rodent Control Service is provided free of charge.

As a result of survey and notification by occupiers of infested premises extermination of rodents has been carried out at dwelling houses, factories, food premises, refuse tips, etc.

Details relating to the work carried out during the year, are set out below:—

	Type of Property	
	Non-Agricultural	Agricultural
Property in District ...	15,837	495
Total number of properties (including nearby pre- mises) inspected follow- ing notification ... ..	614	46
Number infested by:—		
(a) Rats ... ..	392	42
(b) Mice ... ..	160	6
Total number of properties inspected for rats and/or mice for reasons other than notification ... ..	1,500	492
Number infested by:—		
(a) Rats ... ..	482	170
(b) Mice ... ..	62	16



## GENERAL SUMMARY OF VISITS AND INSPECTIONS, RE:

Public Health Acts, 1936/69	...	...	...	...	...	2,146
Noise Abatement Act, 1960	...	...	...	...	...	263
Housing Acts, 1957/69	...	...	...	...	...	1,334
Caravan Sites and Control of Development Act, 1960	...					61
Animal Boarding Establishments Act, 1963	...	...	...	...		11
Clean Air Acts, 1956/68	...	...	...	...	...	102
The Offices, Shops and Railway Premises Act, 1963	...					342
Factories Act, 1961	...	...	...	...	...	54
Food and Drugs Act, 1955	...	...	...	...	...	1,151
Slaughter of Animals Act, 1958	...	...	...	...	...	175
Civic Amenities Act, 1967	...	...	...	...	...	176
Prevention of Damage by Pests Act, 1949 (excluding visits by Rodent Operative)	...	...	...	...	...	877
Water Supply	...	...	...	...	...	42
Miscellaneous Visits	...	...	...	...	...	2,316
Total Number of Visits						9,050



# SEWAGE TREATMENT

Works	District Served	Con- structed	Date Reconstructed or Enlarged	Capacity of Works D.W.F. (Galls.)	Estimated Present Flow to Works (G.P.D.)	Discharges Effluent to : —
Queensferry	Aston, Ewloe, Hawarden, Mancot, Queensferry, Sandycroft, Sealand, Shotton and part of Buckley U.D.	1905	1956 1968	607,000 1,147,000	— 992,100	River Dee via Brook
Saltney	Bretton, Broughton, Mainwaring, Mold Junction and Saltney	1911	1939 1951	To Chester To Chester		Chester C.B.C. Works
Hope	Hope Village, Caergwrle and Abermorddu	1930	1962	85,800	64,000	River Alyn
Kinnerton	Kinnerton Village	1961	1967	17,000	21,300	Stream
Caer Estyn	Caer Estyn	1957	—	5,550	4,500	Stream
Penyffordd	Penyffordd and Penymynydd	1924	1936 1968	30,000 170,000	162,600	Stream
Dobshell	Dobshell	1956	—	5,000	4,500	Stream
Cymmau	Cymmau	1938	—	6,000	5,500	R. Cegidog
Ffrith	Ffrith	1948	—	10,000	7,175	R. Cegidog
Treuddyn	Treuddyn Village	1922	1972	105,000	20,000	Stream (Byr Brook)
Llanfynydd	Llanfynydd Village	1963	—	2,875	2,475	R. Cegidog

Sewage from Marford and Hoseley Parish and from part of Cefn-y-Bedd is treated in the Wrexham R.D. area.

Sewage from Pontybodkin and Coed Talon is treated at the Leeswood works of Holywell R.D.C.

Sewage from East Saltney is treated at the Bumper's Lane works of Chester City Council.

# DETAILS OF WATER SUPPLY IN THE AREA

Parish	*Popula- tion	Acre- age	Name of Supply Undertaking	Houses			Total
				With Piped Supply	Without Piped Supply	Houses on Stand- Pipes	
Hawarden	20,411	9,025	Central Flintshire Water Board	6,115	21	2	6,783
			Chester Waterworks Co.	614	—	—	
			Wrexham & E. Denbigh Water Co.	31	—	—	
			Wrexham & E. Denbigh Water Co.	2,073	3	—	
Hope	6,204	4,769					2,076
Higher Kinnerton	982	1,825	Wrexham & E. Denbigh Water Co.	298	3	1	302
Marford and Hoseley	1,145	650	Wrexham & E. Denbigh Water Co.	394	—	—	394
West Saltney	3,521	885	Central Flintshire Water Board	1,460	—	—	1,460
East Saltney	4,343	1,183	Chester Waterworks Co.	1,490	—	—	1,490
Sealand	3,185	4,951	Central Flintshire Water Board	796	—	—	1,104
			Chester Waterworks Co.	308	—	—	
Treuddyn	1,274	3,614	Wrexham & E. Denbigh Water Co.	442	12	4	458
Llanfynydd	1,585	4,674	Wrexham & E. Denbigh Water Co.	510	32	1	543
TOTAL ...				14,531	71	8	14,610

\* Population (Estimated Mid-Year)—42,650







